

THE COUPLING.

R+W[®]
A POPPE + POTTHOFF COMPANY

AIMS AGILE
FACTORY AUTOMATION

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WhatsApp

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Co. Reg. No.: 202401039298 (1585145-W)

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Precision couplings | Industrial couplings | Sensor technology

BK



BELLOWS COUPLINGS

- from 0.1 to 100,000 Nm
- bore diameters from 1 to 280 mm
- zero backlash
- infinite life
- compact
- highly reliable

EK



ELASTOMER COUPLINGS

- from 5 to 2,150 Nm
- bore diameters from 1 to 80 mm
- backlash free
- vibration damping
- electrically isolating
- calibrated press fit

SK



SAFETY COUPLINGS

- from 0.1 to 2,800 Nm
- bore diameters from 3 to 100 mm
- precise torque overload protection
- zero backlash
- TÜV certified
- patented compact construction

SCL



SERVO DISC PACK COUPLINGS

- from 25 to 100 Nm
- bore diameters from 15 to 40 mm
- high misalignment compensation
- corrosive and/or high temperature environments
- easy installation

BZ



GEAR COUPLINGS

- from 1,900 to 2,080,000 Nm
- bore diameters from 48 to 510 mm
- low backlash
- special tooth geometry
- low maintenance
- high power density

EK



ELASTOMER COUPLINGS

- from 1,950 to 25,000 Nm
- bore diameters from 30 to 170 mm
- shock absorbing
- very smooth running
- vibration damping
- backlash free

ST



SAFETY COUPLINGS

- from 200 to 250,000 Nm
- bore diameters from 30 to 340 mm
- extremely compact
- robust
- full disengagement
- automatic re-engagement available

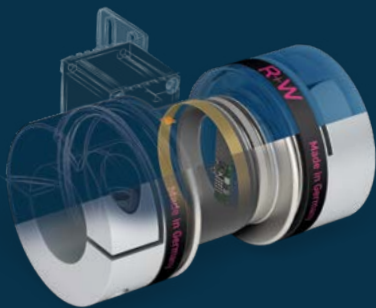


LP

DISC PACK COUPLINGS

- from 350 to 50,000 Nm
- bore diameters from 18 to 140 mm
- high torsional stiffness
- available in various lengths
- backlash free
- API 610 / API 671

iBK

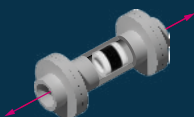


METAL BELLOWS COUPLINGS

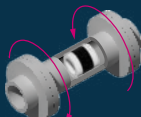
R+W Sensor technology **experience the future today.**

So smart, so simple: The intelligent coupling can be installed as an upgrade to existing coupling applications. The quick and easy assembly and setup minimize both hardware and installation costs. In many cases there is no additional assembly space or mechanical construction required.

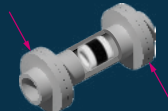
Various options are available for supplying energy to the intelligent coupling. Classically by an easily rechargeable battery, by a solution using induction or by a self-sufficient energy supply (energy harvesting).



+ Axial force

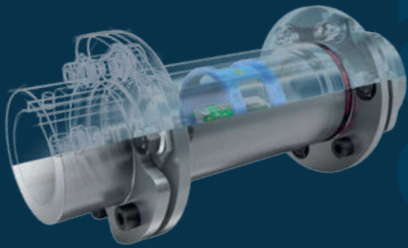


+ Torque



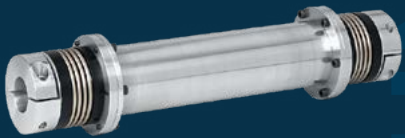
+ Shear force/bending

iLP



DISC PACK COUPLINGS

iZA

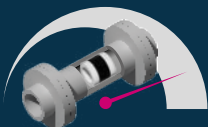


LINE SHAFTS

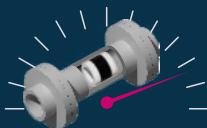
iSTF



SAFETY COUPLINGS



+ Acceleration



+ Speed



+ Temperature

THE COUPLING.



Our product portfolio

- + Metal bellows couplings
- + Elastomer couplings
- + Safety couplings
- + Line shafts
- + Servo disc pack couplings
- + Gear couplings
- + Sensor technology
- + Customized special solutions:
 - + Consultation
 - + Conception
 - + Engineering analysis
 - + Prototyping
 - + Manufacturing

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